



BrightCoat Cold Galvanize

Corrosion Inhibitor



FEATURES

- Prevents rust and corrosion on all metals
- Electrochemically protects bare metal
- Shiny zinc coating
- Restores hot dip galvanizing
- Dries to touch in 15 to 30 minutes
- Repairs rusted, galvanized, and welded surfaces
- Heat resistant, flexible coating
- Will not yellow, chalk, crack, or peel

APPLICATIONS

- Auto and Truck Bodies
- Construction Machinery and Equipment
- Exhaust Stacks, Mufflers, and Manifolds
- Farm Machinery
- Heating and Air Conditioning Equipment
- Machine Housing
- Metal Roofs and Gutters
- Offshore Drilling Rigs and Trailers
- Outdoor Furniture, Tools, and Storage
- Pipes and Water Tanks
- Pulley and Chain Cover
- Restores Hot Dip Galvanizing
- Structural Steel
- Weldments

SPECIFICATIONS AND APPROVALS

- Conforms with concentration range of zinc dust per ASTM A780

PROPERTIES

| | |
|------------------------------------|---|
| Appearance / Physical State | Liquid |
| Odor | Solvent |
| Melting / Freezing Point | Not available |
| Boiling Point / Range | 281°F (138°C) |
| Vapor Pressure | 102.8 mm Hg |
| Partition Coefficient | Not available |
| Percent volatile | 80-82% |
| Flammability | Lower 1.8%, Upper 9.5% |
| Propellant | Hydrocarbon |
| VOC Content | 0.61 MIR per U.S. State and Federal Aerosol Coating Regulations |
| Color | Reflective silver gray |
| Flash Point | <68°F (20°C) |
| Density | Not available |
| Evaporation Rate | Not available |
| Vapor density | > 1 (air = 1) |
| Auto-Ignition Temperature | 919°F (463° C) |
| Viscosity | 1000 cSt (estimated) |
| Specific Gravity | 0.80-0.87 @ 20°C |
| Temperature Range | Continuous dry heat up to 750°F (401°C); short period heat up to 1000°F (520°C); water temperature up to 212°F (100°C). |
| 4-Ball Weld Load | Not available |

DIRECTIONS

Preparation: Brush off loose rust and apply to a clean, dry surface. The surface should be roughened with a wire brush and degreased with a residue-free solvent degreaser prior to application. Failure to sufficiently roughen and degrease the substrate may result in poor adhesion. Polished surfaces do not provide a good anchor for the product. Do not apply to wet or damp surfaces. Shake can vigorously until ball inside moves freely. Spray with a sweeping motion with nozzle about one foot from surface. Dries to touch in 3 to 5 minutes. To avoid clogging, turn can upside down after each use and spray a few short bursts. LPS BrightCoat's shiny reflective gray appearance makes it ideal as a topcoat over Cold Galvanize to blend with hot dip coatings.

For oily or greasy surfaces: Degrease with a residue-free solvent degreaser and allow to dry.

For lightly rusted surfaces: Use a wire brush or power tool to remove all loose rust, then degrease with a residue-free solvent degreaser and allow to dry.

For heavily rusted or mill scaled surfaces: Commercial grade sandblasting is required. To repair old, corroded hot-dip galvanizing: Wire brush to remove zinc salts and rust, then degrease with a residue-free solvent degreaser and allow to dry.

Preparing welds: Remove all slag and smooth all surface imperfections. Allow surface to cool, then degrease with a residue-free solvent degreaser and allow to dry. Apply LPS BrightCoat Cold Galvanize such that it overlaps the existing paint or galvanizing by at least 1".

Marginally prepared surfaces: Wire brush the paint blisters and rust to expose the bare metal. Degrease with a residue-free solvent degreaser and allow to dry. Apply LPS BrightCoat Cold Galvanize such that it overlaps the paint by at least 1".

HANDLING

DO NOT spray into or around ignition sources. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation. Avoid breathing vapors or spray mists.

STORAGE

Keep container in a cool, well-ventilated area. Avoid all sources of ignition (spark or flame). Store below 120°F (49°C).

DISPOSAL

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

AVAILABLE PRODUCTS

| Part No. | | Net Contents | Container Type | Units/Case | Approximate Case Weight |
|----------|--------|---------------------------|----------------|------------|-------------------------|
| US | Canada | | | | |
| 05916 | C05916 | 13 wt oz / 369 g / 459 mL | aerosol | 12 | 14 lbs |



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